

### ABSTRACT OF THE DISCLOSURE

An apparatus is disclosed for injecting an expandable or foaming material in a closed sectional structure of a body. The apparatus is suitable for mass-producing vehicles, such as automobiles efficiently. This apparatus is provided with a manipulator (38) movable to a desired position, a injector (50) fixed to the manipulator, a device (56) for supplying the expandable or foaming material to the injector, and a controller (40) adapted to control the position of the manipulator (10) so that the injector is set in a position in which the foaming material can be supplied to the closed sectional structure of the vehicle body through an injection port of the same closed sectional structure, and also adapted to control the supply device so that the foaming material can be injected and filled in the closed sectional structure thereof by only such an amount that was set in accordance with the volume of the inside of the sectional structure.

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